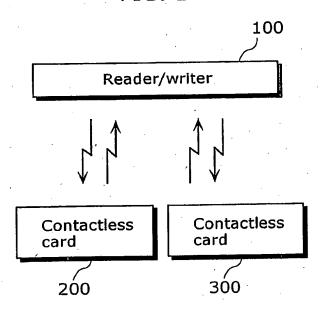
FIG. 1

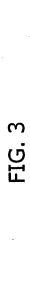


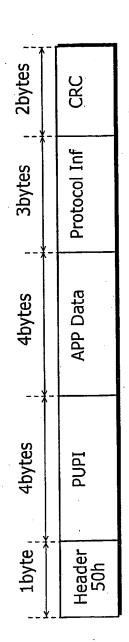
Number of timeslots: 2 raised to 4th power=16 Number of timeslots: 2 raised to 2nd power=4 Number of timeslots: 2 raised to 3rd power=8 Number of timeslots: 2 raised to 1st power=2 Number of timeslots: 2 raised to 0th power=1 Number of timeslots: Reserved Number of timeslots: Reserved Number of timeslots: Reserved 2bytes CRC **b1** 0 PARAM 0 1byte **b**2 0 0 0 0 **b**3 0 1byte 0 0 0 AFI 05h Header 05h 1byte

Header: Initial request command

AFI: Application class of contactless card (all classes)

CRC: CRC value from AP to PARAM





Header: Initial response header

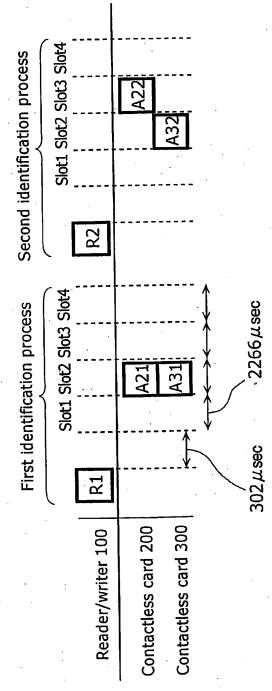
PUPI: Card ID (Pseudo-Unique PICC Identifier)

APP Data: Application information

Protocol Inf: Protocol information

CRC: CRC value from header to Protocol Inf

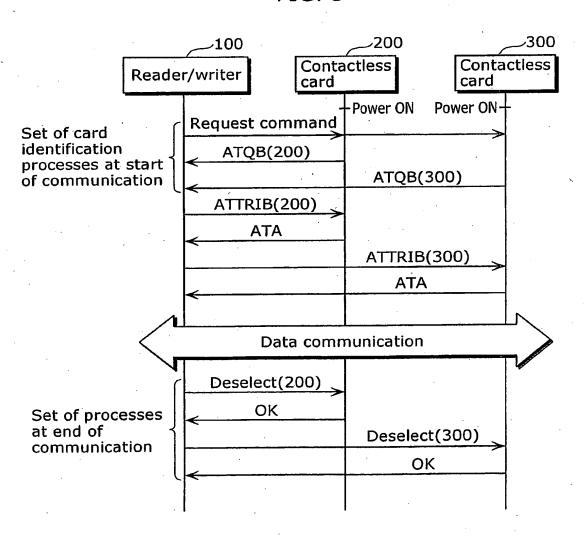
FIG. 4



A21, A22: Initial response [ATQB] (from contactless card 200 to reader/writer 100) A31, A32: Initial response [ATQB] (from contactless card 300 to reader/writer 100) R1, R2: Request command [REQB] (from reader/writer to contactless cards)

Slot1 to Slot4: Timeslot number

FIG. 5



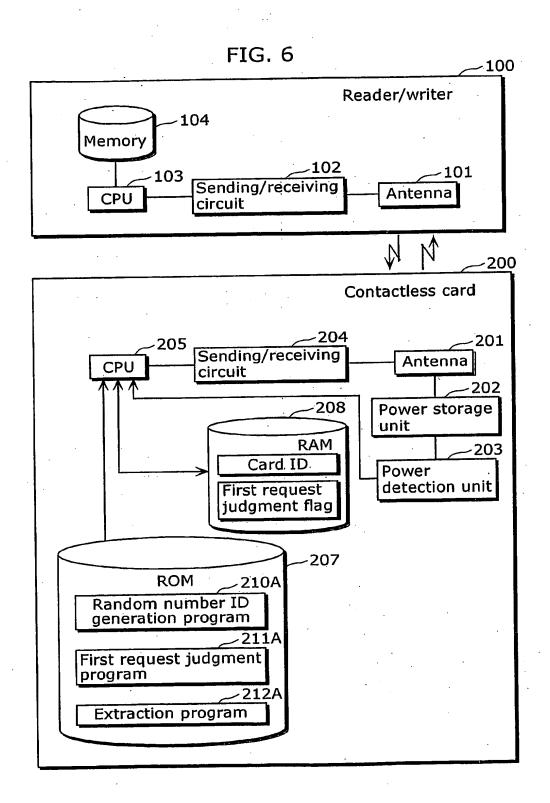


FIG. 7 -100 Reader/writer -104 Memory -101 -103 Sending/receiving Antenna CPU circuit 200 Contactless card 204 Sending/receiving Antenna circuit 2082 -202 -211 First request judgment flag First request Power judgment unit storage unit storage unit -203 Random number Power Extraction ID generation detection unit unit unit 212 -2081 ID storage unit

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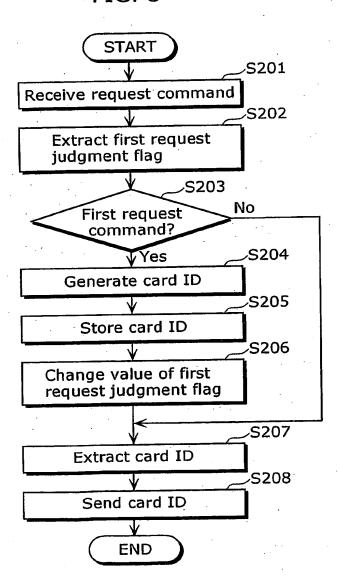


FIG. 9

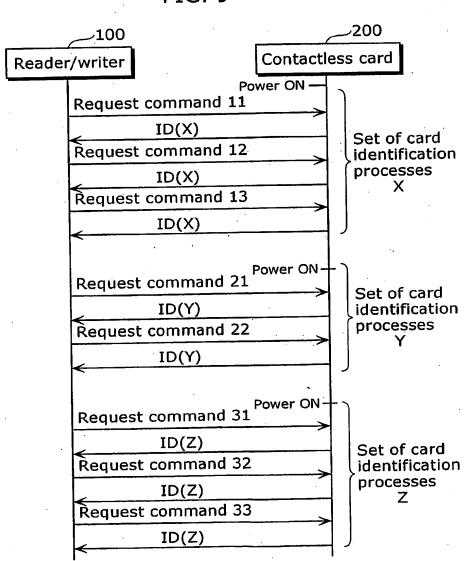


FIG. 10

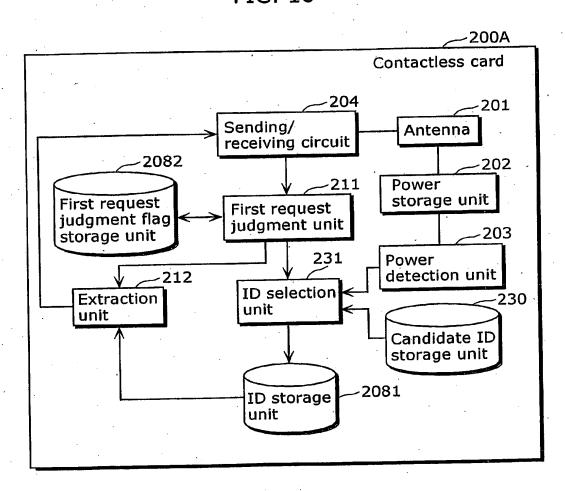


FIG. 11

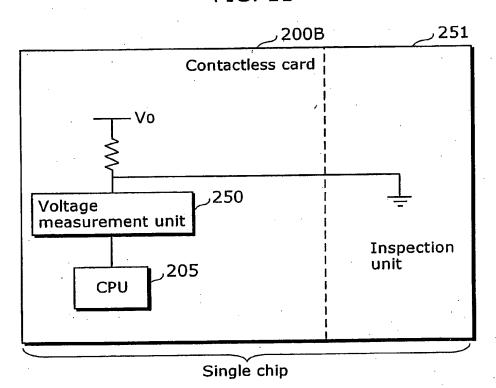


FIG. 12

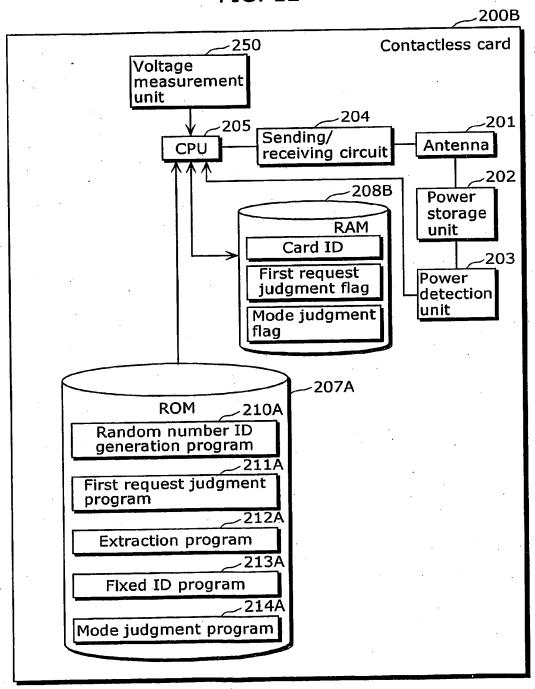
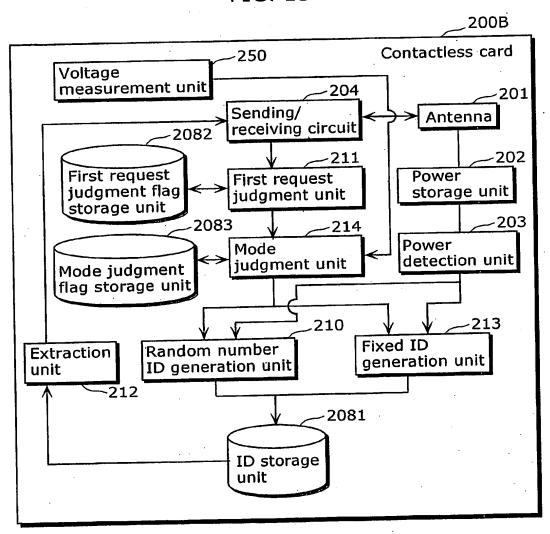
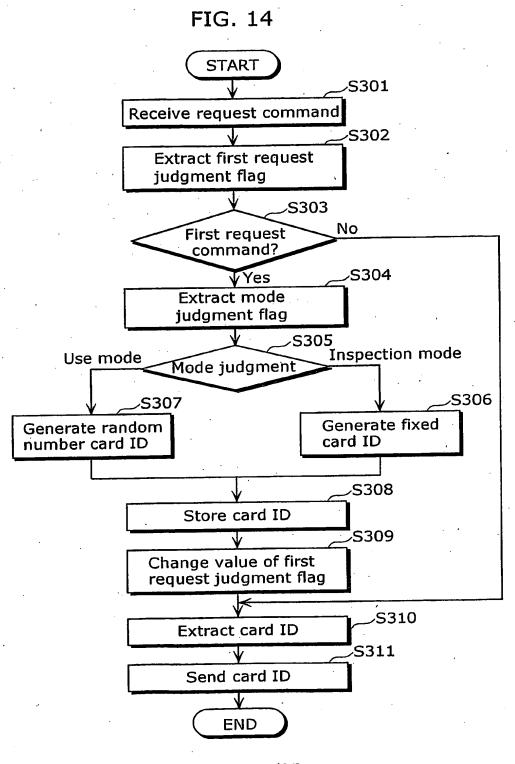


FIG. 13





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FIG. 15

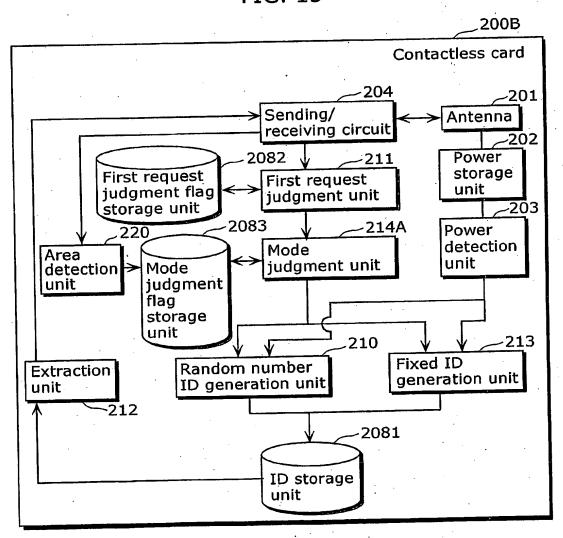
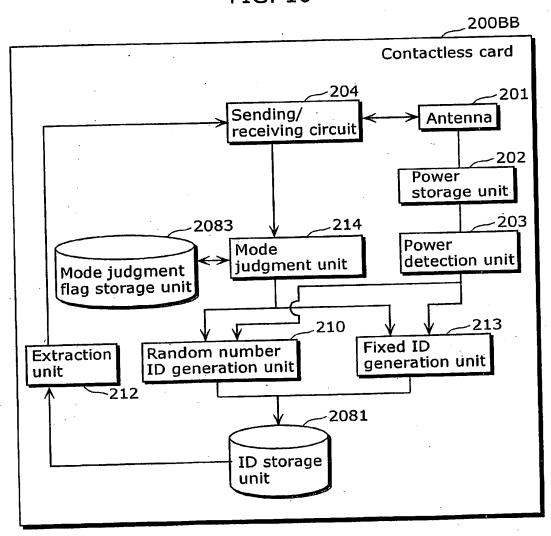


FIG. 16



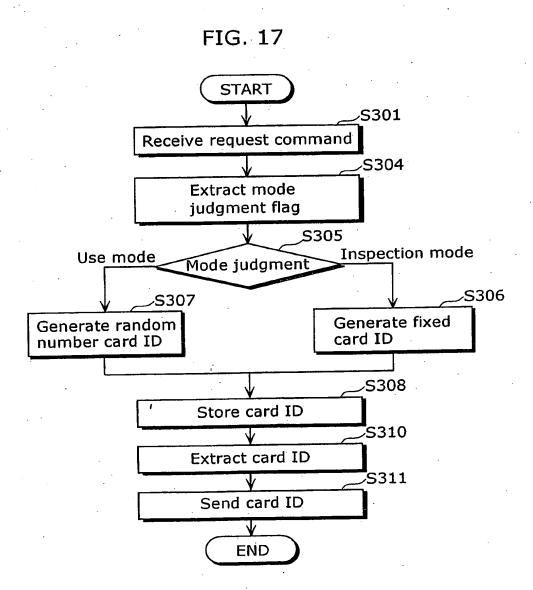
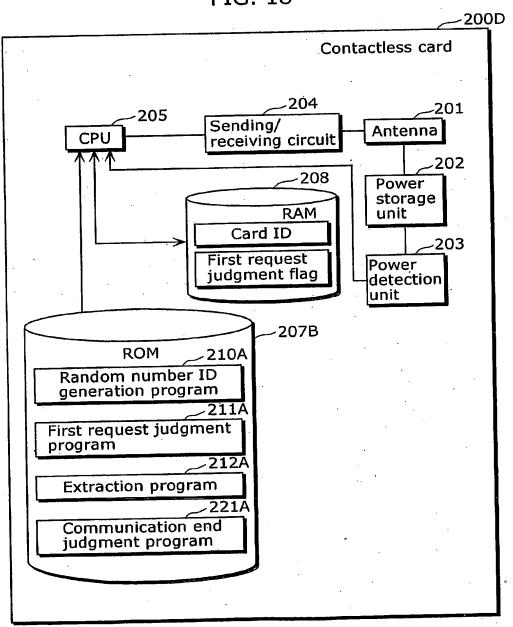


FIG. 18



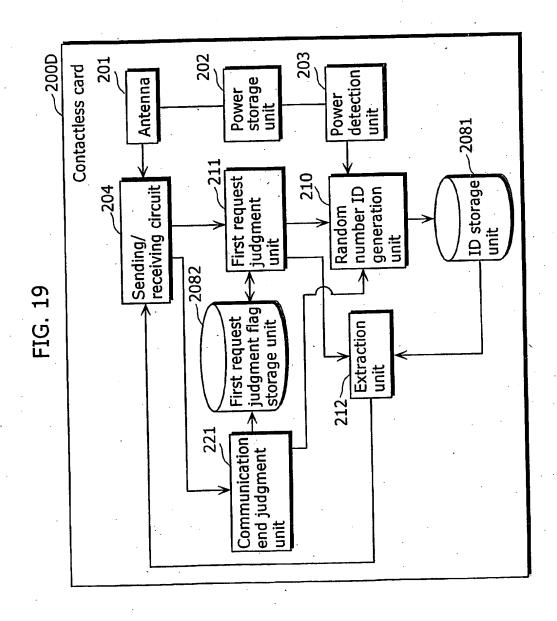


FIG. 20

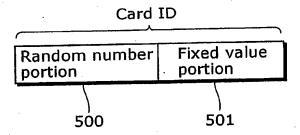
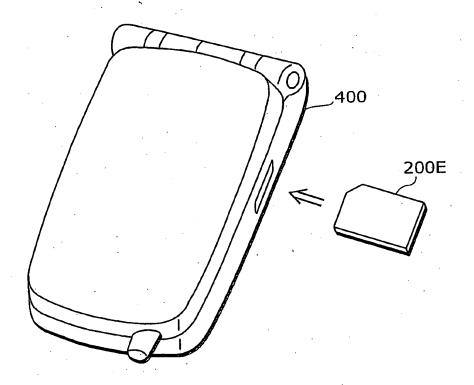


FIG. 21



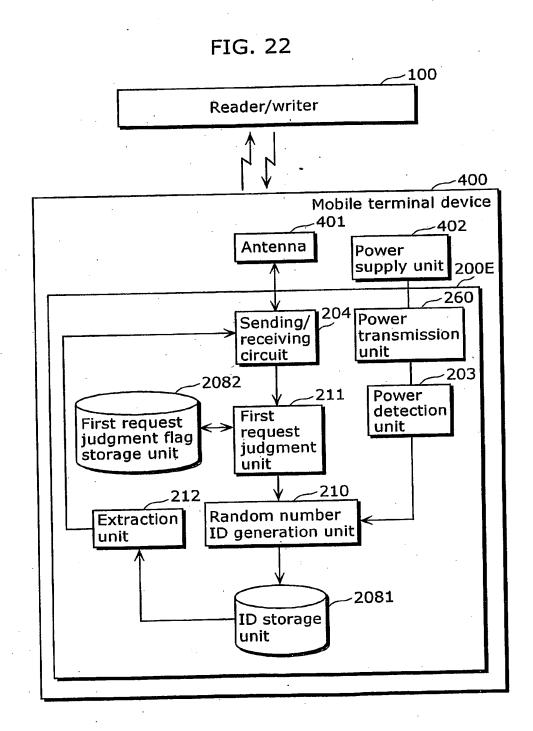


FIG. 23

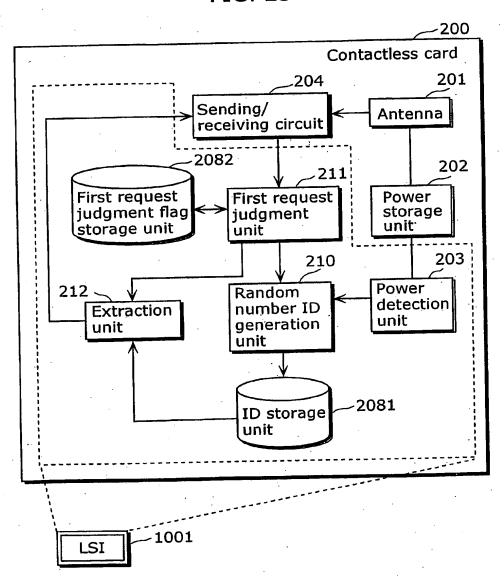
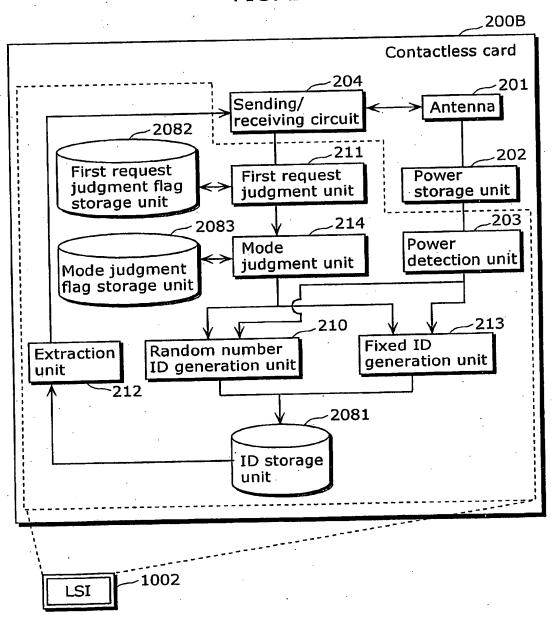


FIG. 24



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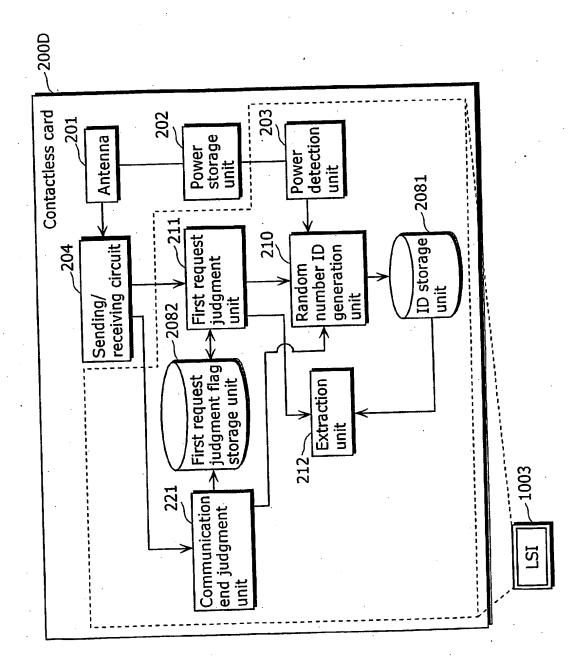


FIG. 25